

Title (en)

EXHAUST GAS CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE

Title (de)

ABGASSTEUERUNGSVORRICHTUNG FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

APPAREIL DE REGULATION DE GAZ D'ECHAPPEMENT POUR MOTEUR A COMBUSTION INTERNE

Publication

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Application

EP 05772007 A 20050707

Priority

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Abstract (en)

[origin: WO2006008599A1] An exhaust gas control apparatus (1) according to the invention is applied to a diesel engine (2) including a turbocharger (10). The exhaust gas control apparatus (1) includes an upstream side oxidation catalyst (13) which is provided downstream of a turbine (10b) of the turbocharger (10); a downstream side oxidation catalyst (14) which is provided downstream of the upstream side oxidation catalyst (13); a particulate filter (15) which is provided downstream of the downstream side oxidation catalyst (13); and an injector (5) which supplies fuel required for a filter recovery process for oxidizing and removing particulate matter accumulated in the particulate filter (15). The capacity of the upstream side oxidation catalyst (13) is set such that a space velocity (SV) during idling of the internal combustion engine (2) is equal to or lower than 175,000 (1/h).

IPC 8 full level

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